

NWS CHANGE FORM PART A			1. DATE SUBMITTED 9 November 1999
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE NWS	3. SUBMITTING AUTHORITY Name: Paul Nipko Routing Code: W/APO	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Thuy Tran Routing Code: W/APO1 Phone: 301-713-0211x176	5. ORIGINATOR TRACKING NUMBER R4.3-APS
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input checked="" type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____			7. WSH TRACKING NUMBER NWS 515 (Fast Track)
8. TITLE OF CHANGE Async Scheduler version 4.3			
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) SID: EAX, PID: EAX, Type: WFO-C, Site Name: Kansas City/Pleasant Hill, MO, City: Pleasant Hill, RG: CR, ST: MO, LnNo: DEV	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Enhance the performance of Asynchronous Product Scheduler to improve data base access efficiency and to increase the process throughput.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Requirement in Block 11 above will be implemented through the modification of existing software. The software will be developed by the NWS and installed at site EAX as Asynchronous Product Scheduler software version 4.3.			
13. ALTERNATE SOLUTIONS None			
14. REQUIRED CHANGE DATE 15 Nov 1999	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The Asynchronous Product Scheduler software version 4.3 is ready to be tested at a field site, and the proposed change date is the earliest possible date for the software to be installed at the selected field (i.e., EAX).		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		SIGNATURE
			DATE SIGNED
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		SIGNATURE
			DATE SIGNED

NWS CHANGE FORM PART A - DATA PRODUCTS SUPPLEMENT
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2. WSH TRACKING NUMBER

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This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.

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NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER R4.3-APS	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$*****
5. DEVELOPMENT COSTS (Estimate development costs) Govt: (1APO engineer's salary amount from 6/18/99 through 7/30/99) = \$ **** * Note that this cost is associated with Release 4.3 development		KMOD _____ BASE	AMOUNT \$*****
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT See #5
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Installation: Govt (1 APO engineer's salary amount for 3 hours = \$*****)		KMOD _____ BASE	AMOUNT \$*****
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) Development Start- 18 June 99, Completion- 30 July 99		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.)	
12. IMPLEMENTATION/RETROFIT SCHEDULE Start installing and testing on 15 Nov 99 at the following site: SID: EAX, PID: EAX, Type: WFO-C, Site Name: Kansas City/Pleasant Hill, MO, City: Pleasant Hill, RG: CR, ST: MO, LnNo: DEV		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2 to be installed prior to implementation	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour for basic installation).	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) SST will coordinate with site EAX to push the R4.3 version of Asynchronous Product Scheduler to the site. SST and the APO Engineer will be available to site EAX for assistance. EAX is to implement change by 15 Nov 99.			

<p align="center">NWS CHANGE FORM</p> <p>PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT</p>	<p>1. ORIGINATOR TRACKING NUMBER</p> <p>R4.3-APS</p>
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2. WSH TRACKING NUMBER

8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
A. IDENTIFIER	B.	A.	B. REV

This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)

A.	B. REV
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NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER R4.3-APS	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER	
3. CCB COST EVALUATION <div style="display: flex; justify-content: space-between;"> NWS COST \$ ***** FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ TOTAL COST \$ ***** </div> <div style="text-align: center;">(SPECIFY) _____</div>			
4. IMPLEMENTATION DOCUMENTS REQUIRED <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes Other <input type="checkbox"/> Document (Specify) _____ </div>			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED	6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
A. Coordinate implementation schedule with site EAX through SST B. NCF Push Asynchronous Product Scheduler Software Version 4.3 to site EAX as directed by SST C. Report implementation completion using NCF/SST data at AWIPS CCB meetings	12 Nov 99 16 Nov 99 29 Nov 99	Thigpen/SST, W/APO3 Thigpen/SST, W/APO3 Davidson, W/OSO112	N/A See item C N/A